

Customer No. 22,852  
Attorney Docket No. 05788.0321

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: )  
 )  
Ralph SUTEHALL et al. )  
 ) Group Art Unit:  
Application No.: Not Yet Assigned )  
 ) Examiner:  
Filed: September 28, 2004 )  
 )  
For: COATED OPTICAL FIBRE )  
 )  
UNIT AND METHODS OF )  
 )  
MANUFACTURING COATED )  
 )  
OPTICAL FIBRE UNITS )

**U.S. National Phase of International Application No. PCT/GB03/02064**

**MAIL STOP PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450**

Sir:

**INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(b)**

Pursuant to 37 C.F.R. §§1.56 and 1.97(b), applicants bring to the Examiner's attention the documents listed on attached Form PTO-1449 and cited in the international search report. Copies of the listed foreign patent documents, and listed other documents are attached. Applicants respectfully request that the Examiner consider the documents listed on attached Form PTO-1449 and indicate that they were considered by making an appropriate notation on this form.

This Information Disclosure Statement is being filed with the above-referenced application.

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The following are listed on the accompanying PTO-1449 and are in a non-

English language:

1. German application No. 100 03 470 A1

In lieu of a statement of relevance or the translation of the non-English document, enclosed is an English-language international search report from the European Patent Office in the PCT international application, from which this national phase U.S. application is derived, citing this document and setting forth the relevance thereof.

2. Japanese Application No. 11-38237 - An English-language translation is also attached.

The schematic illustration (1 page) entitled "ENHANCED PERFORMANCE FIBRE UNIT" is listed on the attached form PTO 1449. The date when the enhanced performance fibre unit was first put on the market by Pirelli is not known. However, the schematic illustration was known to the inventors when the invention was made.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art." If the Examiner applies any of the documents as prior art against any claim in the application and applicants determine that the cited documents do not constitute "prior art" under United States law, applicants reserve the right to present to the Office the relevant facts and law regarding the appropriate status of such documents. Applicants further reserve the right to take

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appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

If there is any fee due in connection with the filing of this Statement, please charge the fee to our Deposit Account No. 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,  
GARRETT & DUNNER, L.L.P.

Dated: September 28, 2004

By: 

Ernest F. Chapman  
Reg. No. 25,961

Enclosures  
EFC/FPD/gah

**INFORMATION DISCLOSURE CITATION**

OMB No. 0651-0011

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Applicant Ralph SUTEHALL et al.	
Filing Date September 28, 2004	Group:

**U.S. PATENT DOCUMENTS**

Examiner Initial*	Document Number	Issue Date	Name	Class	Sub Class	Filing Date If Appropriate
	6,146,699	11/14/2000	Bonice et al.			
	4,952,021	08/28/1990	Aoki et al.			
	6,022,620	02/08/2000	Wells et al.			

**FOREIGN PATENT DOCUMENTS**

Document Number	Publication Date	Country	Class	Sub Class	Translation Yes or No
WO 00/58768	10/05/2000	WIPO			
2 156 837 A	10/16/1985	United Kingdom			
0 108 590	05/16/1984	Europe			
100 03 470 A1	08/02/2001	Germany			No
0 527 266 A1	02/17/1993	Europe			
11-38237	02/12/1999	Japan			Yes
0 296 836	12/28/1988	Europe			

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

Showa Electric Wire Co., "FILAMENT FOR FIBRE BUNDLE USED AS LIGHT OR IMAGE GUIDE", Derwent Abstract of JP 59-188604, October 26, 1984
Norio; "STRAND FIBER FOR BUNDLED FIBER" Patent Abstracts of Japan, of JP 59-188604, October 26, 1984
Shigeji; "METHOD FOR ADHERING ANTIFRICTION AGENT TO OPTICAL FIBER BUNDLE", Patent Abstracts of Japan, of JP 11-038237, February 12, 1999
Griffioen et al.; "VERSATILE OUTSIDE PLANT SOLUTION FOR OPTICAL ACCESS NETWORKS"; International Wire & Cable Symposium Proceedings, pages 152-156, (1999)

## INFORMATION DISCLOSURE CITATION

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	
	Heino et al.; "NOVEL NON-METALLIC MULTILAYER FIBER OPTIC CABLES BASED ON CONE EXTRUSION PROCESS"; International Wire & Cable Symposium Proceedings, pages 385-392, (1999)
	Journeaux; "THE DEVELOPMENT OF IMPROVED PERFORMANCE CABLES FOR HOSTILE ENVIRONMENTS"; PRI Manchester Section Conference, "Polymers in Cables", May 18-19, (7 pages) 1983
	Product Data Sheet for AQUADAG, Water-Based Graphite Coating, Acheson Colloids Company, pages 1-3, <a href="http://www.achesonindustries.com/adag-add.html">http://www.achesonindustries.com/adag-add.html</a> , (2002)
	Product Data Sheet for AQUADAG, Colloidal Graphite in Water, Acheson C+olloids Company, 11 pages, (2001)
	Data sheet for RAPIER, Pirelli, "FIBRE BUNDLES WITH AN EASY PEEL COATING", 5 pages, <a href="http://www.uk.pirelli.com/en_GB/cables_systems/telecom/products_solutions/optical_ca....">http://www.uk.pirelli.com/en_GB/cables_systems/telecom/products_solutions/optical_ca....</a> (2003)
	Pirelli's "Enhanced Performance Fibre Unit", 1 page of schematic illustration, (undated).

Examiner	Date Considered
*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	
Form PTO 1449	Patent and Trademark Office - U.S. Department of Commerce